Assignment 6

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report7.cpp

```c
#include <stdio.h>
int main()
{
        char elmostawa; float elestehlak, elnatiga=0;
        printf("What is the Use of electricity (in Kilowatts) ????? "); scanf("%f",&elestehlak);
        redo: printf("What is the Type of customer ????? "); scanf("%s",&elmostawa);
        switch (elmostawa)
        {       case 'r':
                case 'R':
                        elnatiga = elestehlak*0.05+10;
                        break;
                case 'c':
                case 'C':
                        if (elestehlak >= 2000)
                        {
                                elnatiga += 1000;
                                elestehlak -= 2000;
                        }
                        if (elestehlak) elnatiga += 0.005*elestehlak;
                        break;
                case 'i':
                case 'I':
                        if (elestehlak < 4000) elnatiga = 1000;
                        else if (elestehlak <= 10000) elnatiga = 2000;
                        else elnatiga = 3000;
                        break;
                default:
                        printf("Please Enter Data from R , C , I only\n");
                        goto redo;
        }
        printf("The Bill is %.2f ONLY\n",elnatiga);
        return 0;
}
```

```
omar@Omar:~$ g++ report7.cpp -o elec
omar@Omar:~$ ./elec
What is the Use of electricity (in Kilowatts) ????? 1000
What is the Type of customer ????? R
The Bill is 60.00 ONLY
omar@Omar:~$ ./elec
What is the Use of electricity (in Kilowatts) ????? 3000
What is the Type of customer ????? C
The Bill is 1005.00 ONLY
omar@Omar:~$ ./elec
What is the Use of electricity (in Kilowatts) ????? 2000
What is the Type of customer ????? I
The Bill is 1000.00 ONLY
omar@Omar:~$ ./elec
What is the Use of electricity (in Kilowatts) ????? 5000
What is the Type of customer ????? I
The Bill is 2000.00 ONLY
omar@Omar:~$ ./elec
What is the Use of electricity (in Kilowatts) ????? 12000
What is the Type of customer ????? T
Please Enter Data from R , C , I only
What is the Type of customer ????? I
The Bill is 3000.00 ONLY
omar@Omar:~$
```